

DECLARATION AND POWER OF ATTORNEY

I, PENGFEI MA, declare that I am a citizen of Peoples Republic of China, residing at Lisle, Illinois, and that I believe I am one of the original, first, and joint inventors together with ANIL KUMAR R. SHENOY of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A FLOW-CONTROL APPARATUS FOR CONTROLLING THE SWING SPEED OF A BOOM ASSEMBLY

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint James R. Smith, Patent Office Reg. No. 41,318, telephone (309) 636-1569, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: James R. Smith, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

 9/23/03

PENGFEI MA Date

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DECLARATION AND POWER OF ATTORNEY

I, ANIL KUMAR R. SHENOY, declare that I am a citizen of India, residing at Raleigh, North Carolina, and that I believe I am one of the original, first, and joint inventors together with PENGFEI MA of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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ANIL KUMAR R. SHENOY

10/07/03

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